Please amend the claims of the present application as set forth below. In accordance with the PTO's revised amendment format, a detailed listing of all claims has been provided. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-51 (Cancelled).

52. (Currently Amended) A video output system for producing video signals, the video output system being communicatively coupled by electrical communication paths to a video graphics processor, a video signal input system, and a storage medium for storing data in electrical form, the video output system comprising:

a receiver for receiving a video signal;

a video pipeline for post-processing the received video signal, the video pipeline producing a post-processed video signal, wherein the video pipeline includes functionality for is configured to performing at least one a plurality of functions selected from the following functions:

region of interest selection;

frame rate matching;

spatial adaptation;

changing the sample rate of the video signal being post processed;

gamma removal;

gamma insertion;

color space conversion;

changing frames of video data into interleaved fields of video data; and

addressing on a frame by frame basis the video signal being post processed; and

a video output module for converting the post-processed video signal, the video output module producing a formatted video signal wherein:

the video output module includes:

an ancillary data injector, the injector inserting ancillary data into the post-processed video signal; and

a generator locking device; and [[,]]

the video output system is configured to receive the received video signal from the storage medium, the video graphics processor, and the video input system.

Claims 54-61 (Cancelled).